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Mail Stop: Patent Application
Commissioner for Patents
Alexandria, VA 22313-1450

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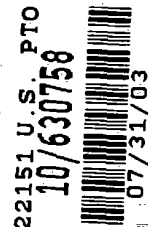
31 July 2003

INTELLECTUAL PROPERTY LAW

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Attorney Docket: P56882



Sir:

Submitted herewith is the following patent application:

Inventor: 1) DONG-JIN RYU

**Title: VACUUM FLUORESCENT DISPLAY HAVING
COMPLEX-TYPE FILAMENT SUPPORTS**

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 7 sheets, Figures 1-7

Claim of priority under 35 U.S.C. §119: **YES**

** The Republic Of Korea Application No. 2002-49759 filed on 22 August 2002.

FEE (see formula below): CHECKS ARE ENCLOSED (#44583 and #44584)

Basic Fee \$375/750	\$750.00
Additional Fees:	
Total number of claims in excess of 20: ____ times \$9/18 .	\$0.00
Number of independent claims in excess of 3: ____ times \$42/84	\$0.00
Multiple Dependent Claims \$140/280	\$0.00
 An Assignment is likewise enclosed: Recording Fee \$40 . . .	\$40.00
 Filing Non-English specification	\$0.00
 TOTAL FEES FOR THE ABOVE APPLICATION	\$790.00

Commissioner for Patents
31 July 2003
Page Two

Docket No.: P56882

Inventor: 1) DONG-JIN RYU

Title: VACUUM FLUORESCENT DISPLAY HAVING
COMPLEX-TYPE FILAMENT SUPPORTS

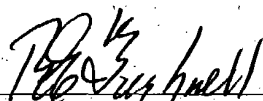
Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
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Respectfully submitted,



Robert E. Bushnell
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REB/sb

15915 U.S. PTO
07/31/03

FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

Application Number	to be assigned
Filing Date	31 July 2003
First Named Inventor	DONG-JIN RYU
Examiner Name	to be assigned
Group/Art Unit	to be assigned

TOTAL AMOUNT OF PAYMENT (\$)790.00

Attorney Docket No. P56882

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 02-4943

Deposit Account Number: _____

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

(CHECK #44583 & #44584)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	\$750.00
1002	330	2002	165	Design filing fee	\$
1003	520	2003	260	Plant filing fee	\$
1004	750	2004	375	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

SUBTOTAL (1) (\$)750.00

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total claims	14	-20** =	x =
Independent Claims	1	-3** =	x =
Multiple Dependent			=

** or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1201	84	2201	42	Independent claims in excess of 3
1202	18	2202	9	Claims in excess of 20
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$).00

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge-late filing fee or oath	\$
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$
1053	130	1053	130	Non-English specification	\$
1812	2,520	1812	2,520	For filing a request for reexamination	\$
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$
1805	1,840 *	1805	1,840*	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	410	2252	205	Extension for reply within second month	\$
1253	930	2253	465	Extension for reply within third month	\$
1254	1,450	2254	725	Extension for reply within fourth month	\$
1255	1,970	2255	985	Extension for reply within fifth month	\$
1401	320	2401	160	Notice of Appeal	\$
1402	320	2402	160	Filing a brief in support of an appeal	\$
1403	280	2403	140	Request for oral hearing	\$
1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$
1452	110	2452	55	Petition to revive - unavoidable	\$
1453	1,300	2453	650	Petition to revive - unintentional	\$
1501	1,300	2501	650	Utility issue fee (or reissue)	\$
1502	470	2502	235	Design issue fee	\$
1503	630	2503	315	Plant issue fee	\$
1460	130	1460	130	Petitions to the Commissioner	\$
1807	50	1807	50	Processing fee for provisional applications	\$
1806	180	1806	180	Submission of Information Disclosure Statement	\$
8021	40	8021	40	Recording each patent assignment per property (Times number of properties)	\$40.00
1809	750	2809	375	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810	750	2810	375	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801	750	2801	375	Request for Continued Examination (RCE)	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

** Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$40.00

SUBMITTED BY

Typed or Printed Name Robert E. Bushnell, Esq.

Signature

Robert E. Bushnell

Date

31 July 2003

Complete (if applicable)

R g. Number

27,774

Deposit Account User ID

REB/sb

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.